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References

3



Steady-state optimization operation of the west-east gas pipeline

Liu, EB; Lv, LX; (...); Zhang, L
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References

[Wang, YD](#); [Shi, Q](#) and [Hu, QW](#)
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of a High-Pressure Cross-Country Natural Gas Pipeline: Application of an Ant Colony Optimization Technique

[Arya, AK](#) and [Honwad, S](#)

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2016 | [JOURNAL OF INTELLIGENT & FUZZY SYSTEMS](#)

31 (4) , pp.2375-2382

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